AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraph beginning at page 1, line 11 with the following replacement paragraph:

— ~~Theses~~ These techniques play an important role in planning, designing, constructing and operating communication networks, especially in view of performance optimisation in networks such as cellular mobile radio telecommunication networks. In particular, the ability to evaluate the level of electromagnetic field present in a determined geographic position is important for dimensioning a new network and for upgrading and optimising the performance of an existing network. —

Please replace the paragraph beginning at page 3, line 17 with the following replacement paragraph:

— The latter category includes the solution described in US-B-6 021 316, which uses a two-dimensional map to determine the attenuation of a radio wave. The map contains geometric information on the buildings present in the ~~are~~ area where the transmitter is located. The map is used to determine the paths through which the signal may propagate, both directly, and through reflections. The main disadvantages of the methods that use territorial databases are given by the difficulties connected to finding and maintaining the databases which must be kept up to date, as well as by the high computing powers required. —

Please replace the paragraph beginning at page 13, line 24 with the following replacement paragraph:

— Considering the example whereby Δ=d_net and n=n(Δ) is expressed by a relationship is expressed by a relationship of the kind shown in FIG. 2, the propagation model thus obtained has better performance than the Okumura-Hata model, without using cartographic data. —

Please replace the paragraph beginning at page 14, line 21 with the following replacement paragraph:

— Figure 4 shows a flowchart illustrating the solution described herein according to different possible embodiments. Each embodiment constitutes and an example of an implementation, capable of being achieved within a mobile terminal TM such as the one illustrated in Figure 1. —